

ABSTRACT OF THE DISCLOSURE

The present invention relates to an ionic conductor and a method of producing the ionic conductor, and more particularly to an ionic conductor for use in an ionics element such as a diaphragm and an ionics instrument such as an electrolysis apparatus, and a method of producing such an ionic conductor. The ionic conductor according to the present invention includes a porous body 1 which has a plurality of continuous pores 1a passing through the porous body 1, and ionizable functional groups 2 attached to surfaces of the continuous pores 1a. The porous body 1 comprises a porous ceramics such as a porous glass, a porous alumina, or a porous mullite.